

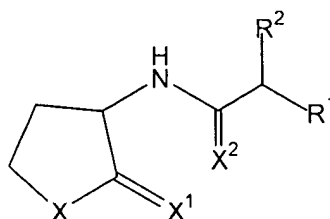
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1.-108. (Canceled).

109. (Currently amended) A compound having the structure:



wherein,

R^1 is a member selected from hydrogen, -OH, and (=O);

R^2 is an alkyl group terminally substituted with a reactive functional group
wherein the reactive functional group is a member selected from -OR³, -
NHR⁴, -COR⁵, -SH and -CH₂X³ wherein,

-OR³ is a member selected from hydroxyl, alkyl sulfonate, and aryl
sulfonate, ~~and a species such that OR³ is reactive under~~
~~relatively mild conditions;~~

R^4 is a member selected from hydrogen, C₁-C₆ alkyl, C₁-C₆
substituted alkyl, aryl and substituted aryl groups;

R^5 is a member selected from hydrogen, X³ and -OR⁶, wherein R⁶
is a member selected from hydrogen, alkyl, substituted
alkyl, aryl, substituted aryl, heteroaryl, substituted
heteroaryl, heterocyclyl and ~~a species such that OR⁶ is~~

~~reactive under relatively mild conditions~~ substituted
heterocyclyl groups; and

X³ is a halogen;

X is -NH-; and

X¹ and X² are members independently selected from O and S.

110 - 111. (Canceled).

112. (Previously presented) The compound according to claim 109, wherein the compound is a single stereoisomer.

113. (Previously presented) The compound according to claim 109, wherein the alkyl group is selected from C₁-C₂₀ saturated straight-chain, C₁-C₂₀ saturated branched-chain, C₁-C₂₀ unsaturated straight-chain, and C₁-C₂₀ unsaturated branched-chain alkyl groups.

114. (Previously presented) The compound according to claim 113, wherein the alkyl group is selected from C₅-C₁₀ saturated straight-chain, C₅-C₁₀ saturated branched-chain, C₅-C₁₀ unsaturated straight-chain, and C₅-C₁₀ unsaturated branched-chain alkyl groups.

115 - 120. (Canceled).

121. (Previously presented) A compound according to claim 109, wherein R² has the structure:



wherein,

R⁷ is a reactive functional group; and

n is a number from 1 to 20, inclusive.

122. (Previously presented) The compound according to claim 121, wherein n is a number from 2 to 9, inclusive.

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Expedited Procedure Examining Group 1626

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123. (Canceled).

124. (Previously presented) The compound according to claim 121, wherein R⁷ is a member selected from -COOH, -OH, -NH₂, and -SH.